

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	5867958
<b>Application Number:</b>	10583529
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	4957
<b>Title of Invention:</b>	Methods and Apparatus for Multi-Carrier Communication Systems with Adaptive Transmission and Feedback
<b>First Named Inventor/Applicant Name:</b>	Xiaodong Li
<b>Customer Number:</b>	25096
<b>Filer:</b>	John M. Wechkin/Stephanie Olson
<b>Filer Authorized By:</b>	John M. Wechkin
<b>Attorney Docket Number:</b>	612408002US1
<b>Receipt Date:</b>	11-AUG-2009
<b>Filing Date:</b>	10-MAY-2007
<b>Time Stamp:</b>	16:18:02
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	yes
Payment Type	Electronic Funds Transfer
Payment was successfully received in RAM	\$180
RAM confirmation Number	2344
Deposit Account	
Authorized User	

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1		2009_08_11_IDS.pdf	273047 a8b605fc3a440e80151a0a2452e762c552980a8	yes	3
<b>Multipart Description/PDF files in .zip description</b>					
		<b>Document Description</b>	<b>Start</b>	<b>End</b>	
		Transmittal Letter	1	2	
		Information Disclosure Statement (IDS) Filed (SB/08)	3	3	
<b>Warnings:</b>					
<b>Information:</b>					
2	NPL Documents	8002ISRWO.PDF	619900 7ad3dbd4d527b4c9f8cc4208b1c912b0d98b779b6	no	9
<b>Warnings:</b>					
<b>Information:</b>					
3	NPL Documents	8006ISRWO.PDF	412270 d5578113bc02219c4f80ba13d4d019d5377baaf	no	8
<b>Warnings:</b>					
<b>Information:</b>					
4	Fee Worksheet (PTO-875)	fee-info.pdf	30534 da5e99f7392ccac48fb171d07ad4004dc5c5003	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			1335751		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>          If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>          If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>          If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					